

JOINT
PUBLIC NOTICE

CHARLESTON DISTRICT, CORPS OF ENGINEERS

69A Hagood Avenue

Charleston, South Carolina 29403-5107

and the

S.C. DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL

OFFICE OF OCEAN AND COASTAL RESOURCE MANAGEMENT

1362 McMillan Avenue, Suite 400

Charleston, South Carolina 29405

REGULATORY DIVISION

9 AUGUST 2002

Refer to: P/N #2002-1G-344-P

Pursuant to Section 10 of the Rivers and Harbors Act of 1899 (33 U.S.C. 403), Sections 401 and 404 of the Clean Water Act (33 U.S.C. 1344), and the South Carolina Coastal Zone Management Act (48-39-10 *et seq.*) an application has been submitted to the Department of the Army and the S.C. Department of Health and Environmental Control by

THE TOWN OF HILTON HEAD

C/O MR. ALTON BROWN, JR.

NEWKIRK ENVIRONMENTAL, INC.

340 EISENHOWER DRIVE, BLD 200, SUITE 201

SAVANNAH, GEORGIA 31406

for a permit to place fill material in wetlands and perform maintenance dredging in existing canals near

BROAD CREEK

at a location, the existing Wexford Canal corridor from the north end of Wexford Plantation to just south of U. S. Highway 278 on Hilton Head Island, Beaufort County, South Carolina.
(Latitude 32.16744°– Longitude –80.75684°)

In order to give all interested parties an opportunity to express their views

N O T I C E

is hereby given that written statements regarding the proposed work will be received by both of the above mentioned offices until

12 O'CLOCK NOON, MONDAY, 26 AUGUST 2002

from those interested in the activity and whose interests may be affected by the proposed work.

The proposed work consists of installation of a small pump station at Wexford Canal, canal and lagoon maintenance, and installation of another pump station at Dunnagan's Alley. In detail, the proposed work consists of 0.03 acre of critical area impact associated with improvements to the drainage system outfall, 0.01 acre of canal fill during modification of the existing causeway, 5.28 acres of impact associated with maintenance dredging within the canal/lagoon system, and 0.07 acres of temporary lagoon impact associated with construction of a coffer dam south of U. S. Highway 278. The applicant has stated that all development activities will be performed using best management practices (silt fencing, grassed slopes, etc.) to further avoid and minimize impacts to wetland areas. The applicant has proposed the Wexford Canal

improvements as part of the on-going stormwater improvements designed to satisfy the needs for the area of Hilton Head Island. The proposed project is the result of coordination between the Town of Hilton Head Island and the residents of Wexford and Long Cove plantations. The purpose of the proposed work is to decrease the flooding of roads and buildings within this watershed.

PLEASE NOTE: This project was previously advertised under permit #2000-1P-310, which has been retired. Only comments in response to this public notice will be considered.

NOTE: Plans depicting the work described in this notice are available and will be provided, upon receipt of a written request, to anyone that is interested in obtaining a copy of the plans for the specific project. The request must identify the project of interest by public notice number and a self-addressed stamped envelope must also be provided for mailing the drawings to you. Your request for drawings should be addressed to the

U.S. Army Corps of Engineers
ATTN: REGULATORY DIVISION
69A Hagood Avenue
Charleston, South Carolina 29403-5107

The District Engineer has concluded that the discharges associated with this project, both direct and indirect, should be reviewed by the South Carolina Department of Health and Environmental Control in accordance with provisions of Section 401 of the Clean Water Act. As such, this notice constitutes a request, on behalf of the applicant, for certification that this project will comply with applicable effluent limitations and water quality standards. The work shown on this application must also be certified as consistent with applicable provisions the Coastal Zone Management Program (15 CFR 930). The District Engineer will not process this application to a conclusion until such certifications are received. The applicant is hereby advised that supplemental information may be required by the State to facilitate the review.

This notice initiates the Essential Fish Habitat (EFH) consultation requirements of the Magnuson-Stevens Fishery Conservation and Management Act. Implementation of the proposed project would impact 5.36 acres of lagoon and 0.03 acres of estuarine substrates and emergent wetlands utilized by various life stages of species comprising the red drum, shrimp, and snapper-grouper management complexes. Our initial determination is that the proposed action would not have a substantial individual or cumulative adverse impact on EFH or fisheries managed by the South Atlantic Fishery Management Council and the National Marine Fisheries Service (NMFS). Our final determination relative to project impacts and the need for mitigation measures is subject to review by and coordination with the NMFS.

The District Engineer has consulted the most recently available information and has determined that the project will have no effect on any Federally endangered, threatened, or proposed species and will not result in the destruction or adverse modification of designated or proposed critical habitat. This public notice serves as a request to the U.S. Fish and Wildlife Service and the National Marine Fisheries Service for any additional information they may have on whether any listed or proposed endangered or threatened species or designated or proposed critical habitat may be present in the area which would be affected by the activity, pursuant to Section 7(c) of the Endangered Species Act of 1973 (as amended).

The District Engineer has consulted the latest published version of the National Register of Historic Places for the presence or absence of registered properties, or properties listed as being eligible for inclusion therein, and this worksite is not included as a registered property or property listed as being eligible for inclusion in the Register. Consultation of the National Register

9 AUGUST 2002

constitutes the extent of cultural resource investigations by the District Engineer, and he is otherwise unaware of the presence of such resources. Presently unknown archaeological, scientific, prehistorical, or historical data may be lost or destroyed by the work to be accomplished under the requested permit.

Any person may request, in writing, within the comment period specified in this notice, that a public hearing be held to consider this application. Requests for a public hearing shall state, with particularity, the reasons for holding a public hearing.

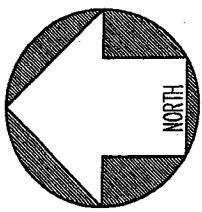
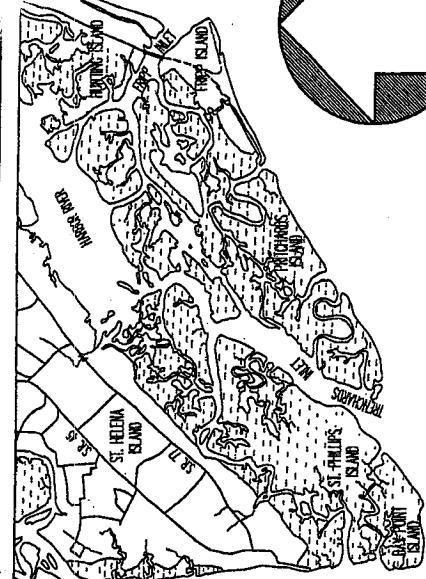
The decision whether to issue a permit will be based on an evaluation of the probable impact including cumulative impacts of the activity on the public interest and will include application of the guidelines promulgated by the Administrator, Environmental Protection Agency (EPA), under authority of Section 404(b) of the Clean Water Act and, as appropriate, the criteria established under authority of Section 102 of the Marine Protection, Research and Sanctuaries Act of 1972, as amended. That decision will reflect the national concern for both protection and utilization of important resources. The benefit which reasonably may be expected to accrue from the project must be balanced against its reasonably foreseeable detriments. All factors which may be relevant to the project will be considered including the cumulative effects thereof; among those are conservation, economics, aesthetics, general environmental concerns, wetlands, historic properties, fish and wildlife values, flood hazards, flood plain values, land use, navigation, shoreline erosion and accretion, recreation, water supply and conservation, water quality, energy needs, safety, food and fiber production and, in general, the needs and welfare of the people. A permit will be granted unless the District Engineer determines that it would be contrary to the public interest. In cases of conflicting property rights, the Corps of Engineers cannot undertake to adjudicate rival claims.

The Corps of Engineers is soliciting comments from the public; Federal, state, and local agencies and officials; Indian Tribes; and other interested parties in order to consider and evaluate the impacts of this activity. Any comments received will be considered by the Corps of Engineers to determine whether to issue, modify, condition or deny a permit for this project. To make this decision, comments are used to assess impacts on endangered species, historic properties, water quality, general environmental effects, and the other public interest factors listed above. Comments are used in the preparation of an Environmental Assessment and/or an Environmental Impact Statement pursuant to the National Environmental Policy Act. Comments are also used to determine the need for a public hearing and to determine the overall public interest of the activity.

If there are any questions concerning this public notice, please contact me at 843-329-8044 or toll free at 1-866-329-8187.



Mary Hope Glenn
Project Manager
Regulatory Division
U.S. Army Corps of Engineers



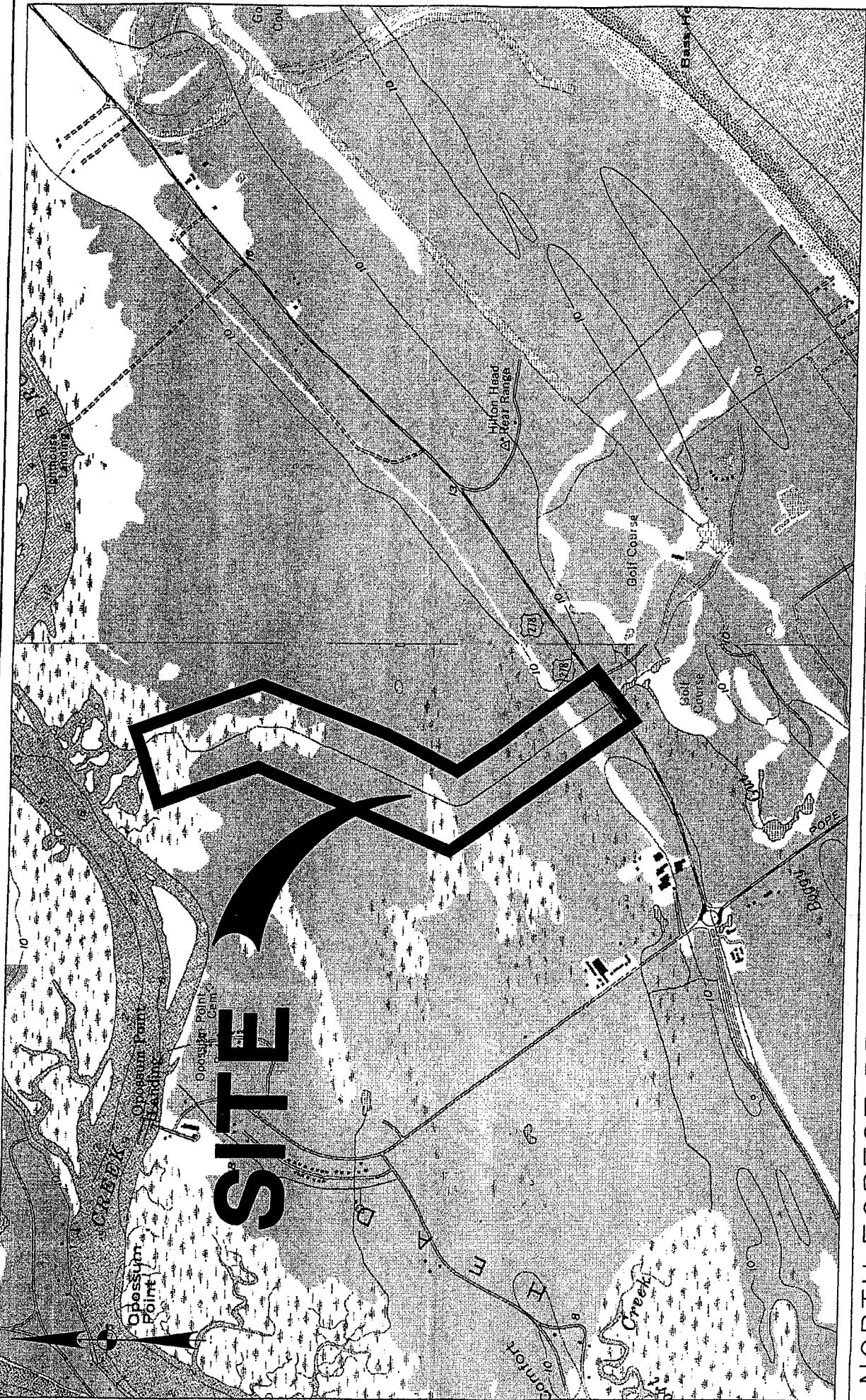
NORTH FOREST BEACH DRAINAGE IMPROVEMENTS

VICINITY MAP
HILTON HEAD ISLAND
BEAUFORT COUNTY, SOUTH CAROLINA
SOURCE: THOMAS & HUTTON ENGINEERING CO.

PROPOSED ACTIVITY:
2 PUMP STATIONS, CANAL DREDGING,
JACK & BORE UNDER U.S. 278
COUNTY:
BEAUFORT COUNTY, S. CAROLINA
APPLICANT:
TOWN OF HILTON HEAD ISLAND
PERMIT NUMBER:
2000-1P-310-P-REVISED 2002-IG-344

ATLANTIC OCEAN

DATE: MAY 15, 2002
SCALE: 1" = 4 MILES
SHEET 1 OF 23

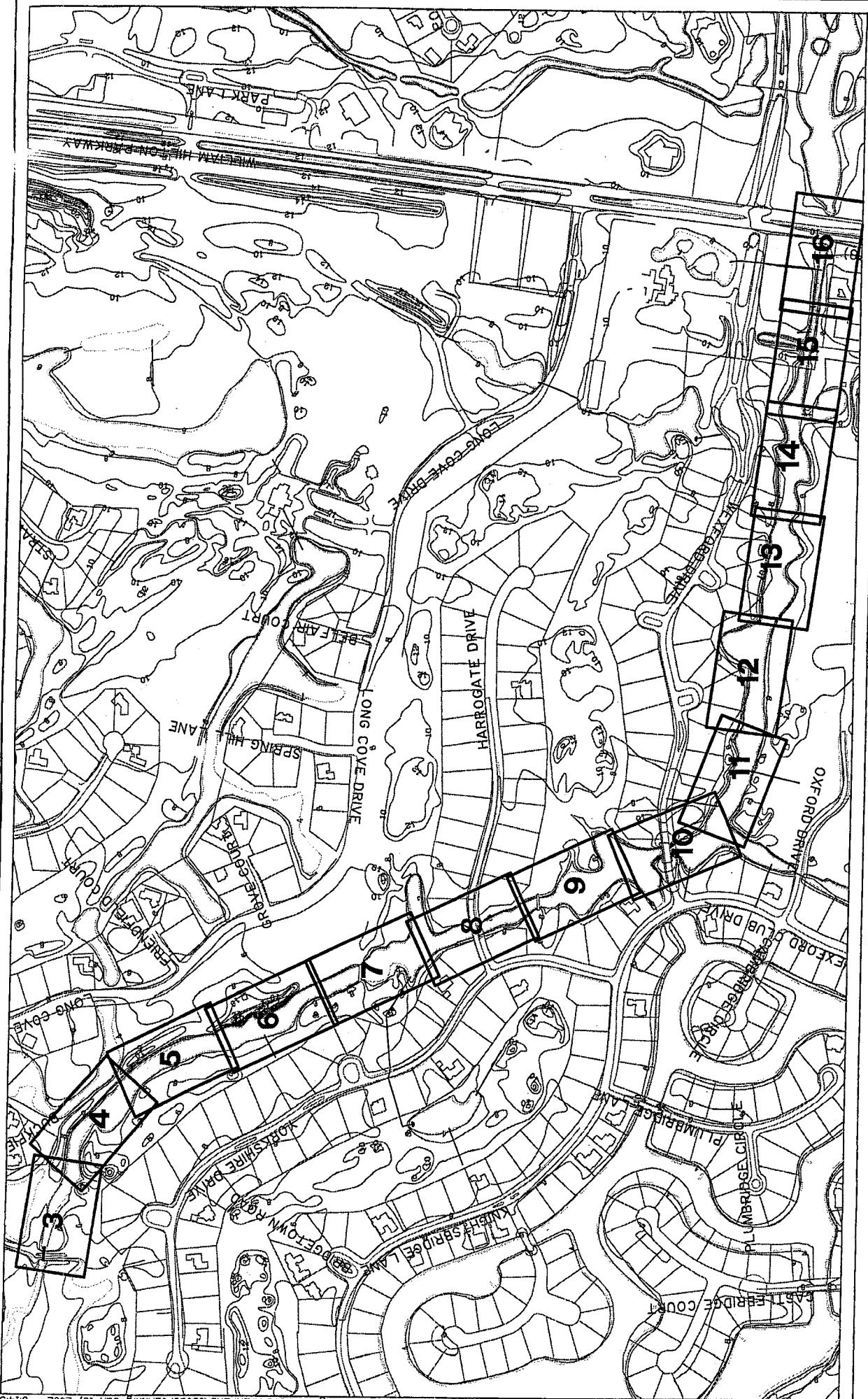


NORTH FOREST BEACH DRAINAGE IMPROVEMENTS

VICINITY MAP
HILTON HEAD ISLAND
BEAUFORT COUNTY, SOUTH CAROLINA
SOURCE: THOMAS & HUTTON ENGINEERING CO.

LATITUDE $32^{\circ} 11' 35''$
LONGITUDE $80^{\circ} 45' 15''$
DATE: MAY 15, 2002
SCALE: 1" = 2000'
SHEET 2 OF 23

PROPOSED ACTIVITY:
2 PUMP STATIONS, CANAL DREDGING,
JACK & BORE UNDER U.S. 278
COUNTY:
BEAUFORT COUNTY, S. CAROLINA
APPLICANT:
TOWN OF HILTON HEAD ISLAND
PERMIT NUMBER: 2002-1G-394
2000-P-340-P-REVISED



NORTH FOREST BEACH DRAINAGE IMPROVEMENTS

INDEX MAP

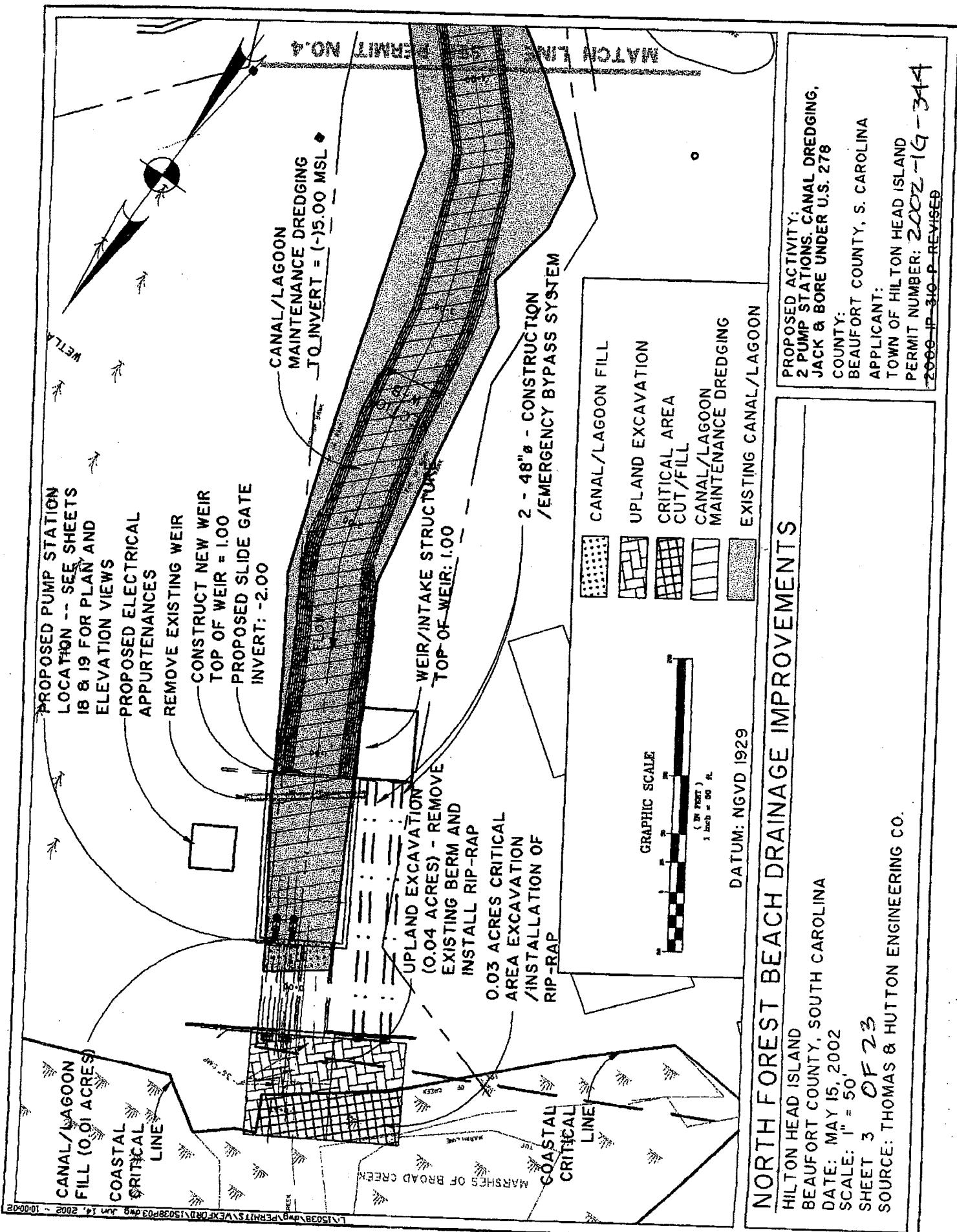
HILTON HEAD ISLAND

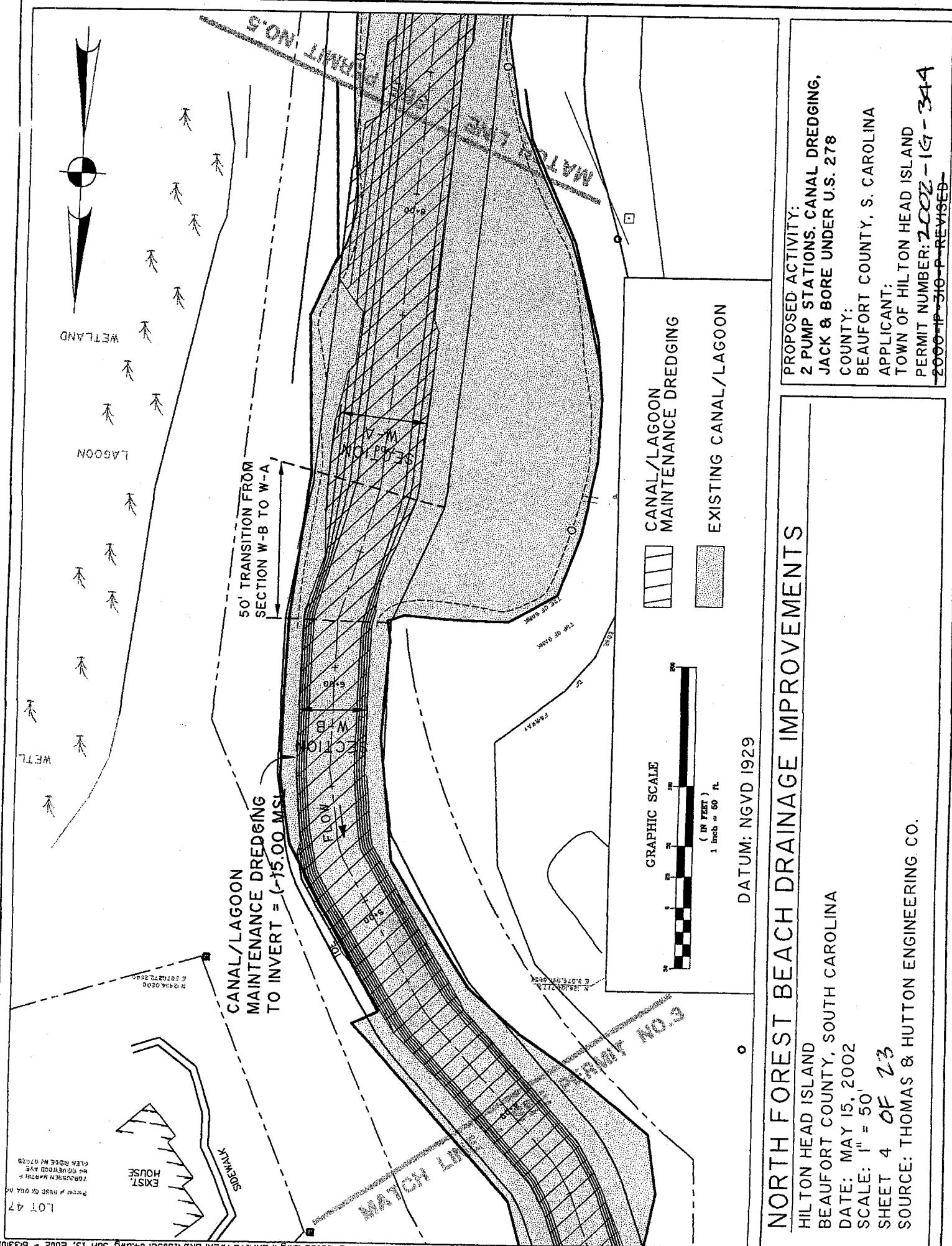
BEAUFORT COUNTY, SOUTH CAROLINA

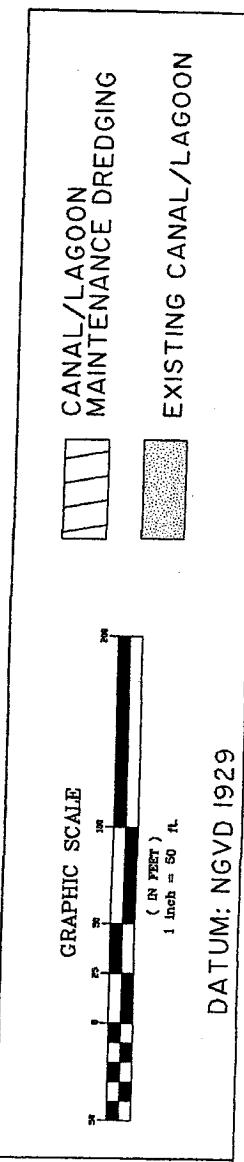
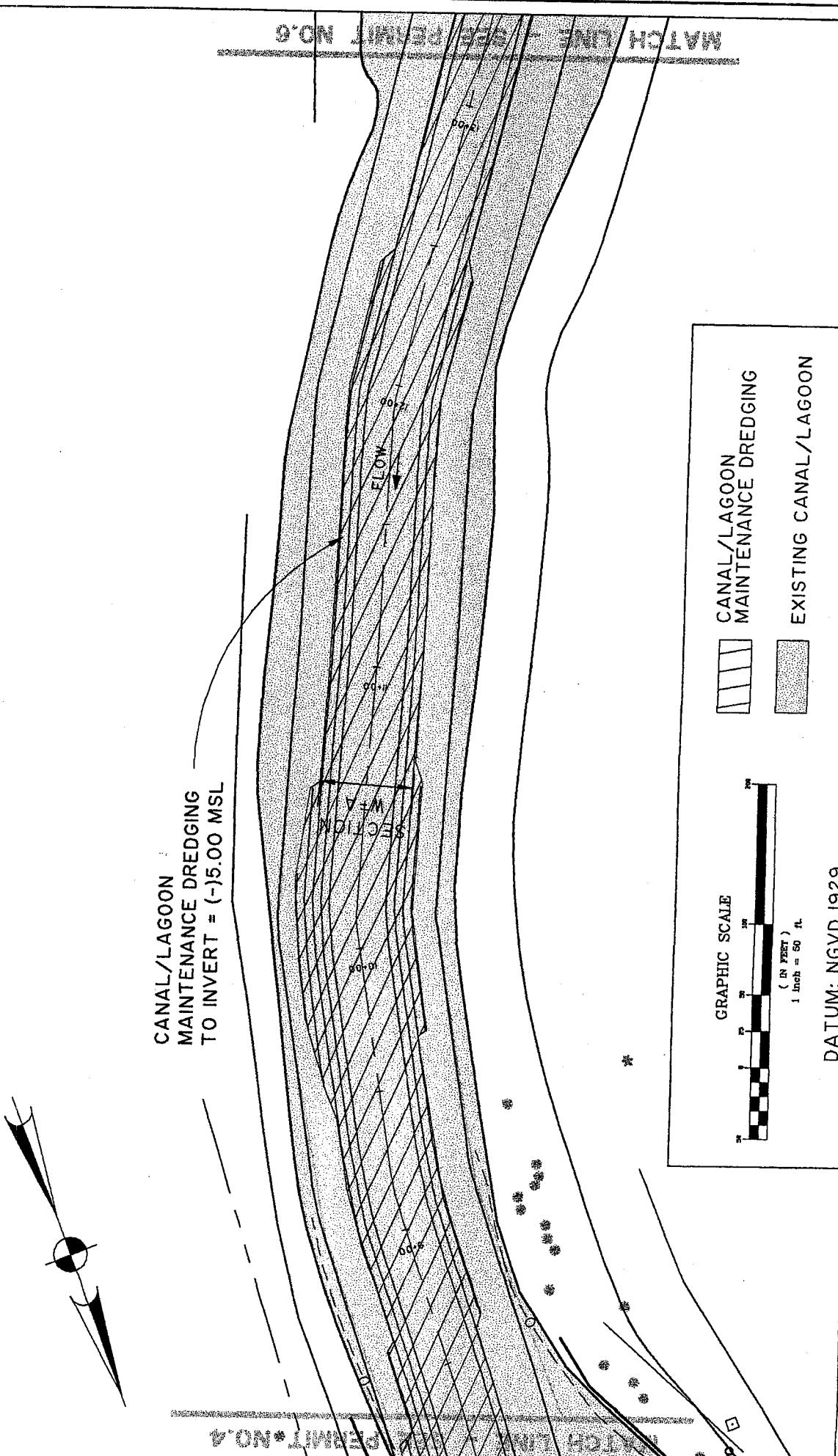
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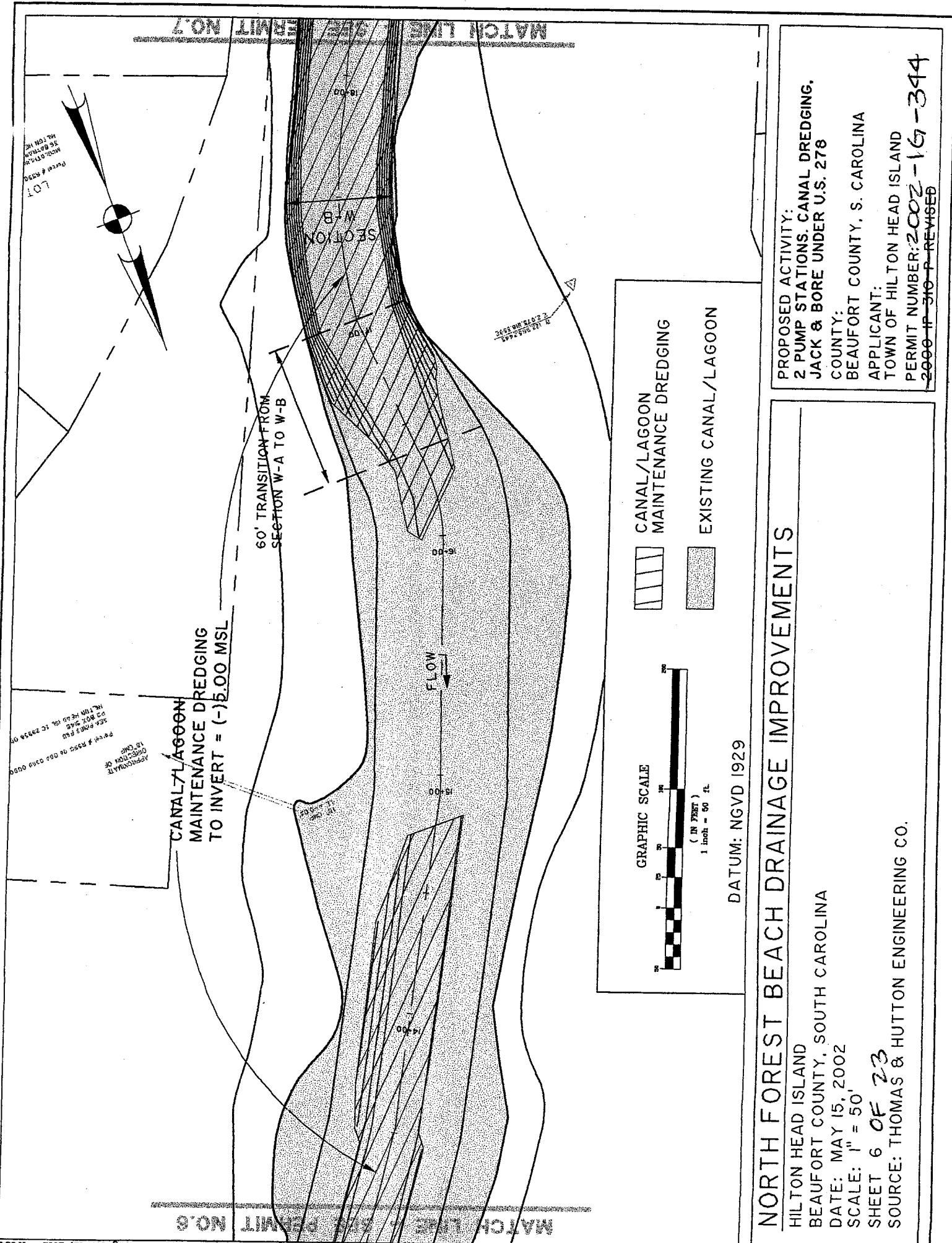
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SCALE: 1" = 600'
SHEET 2A OF 23

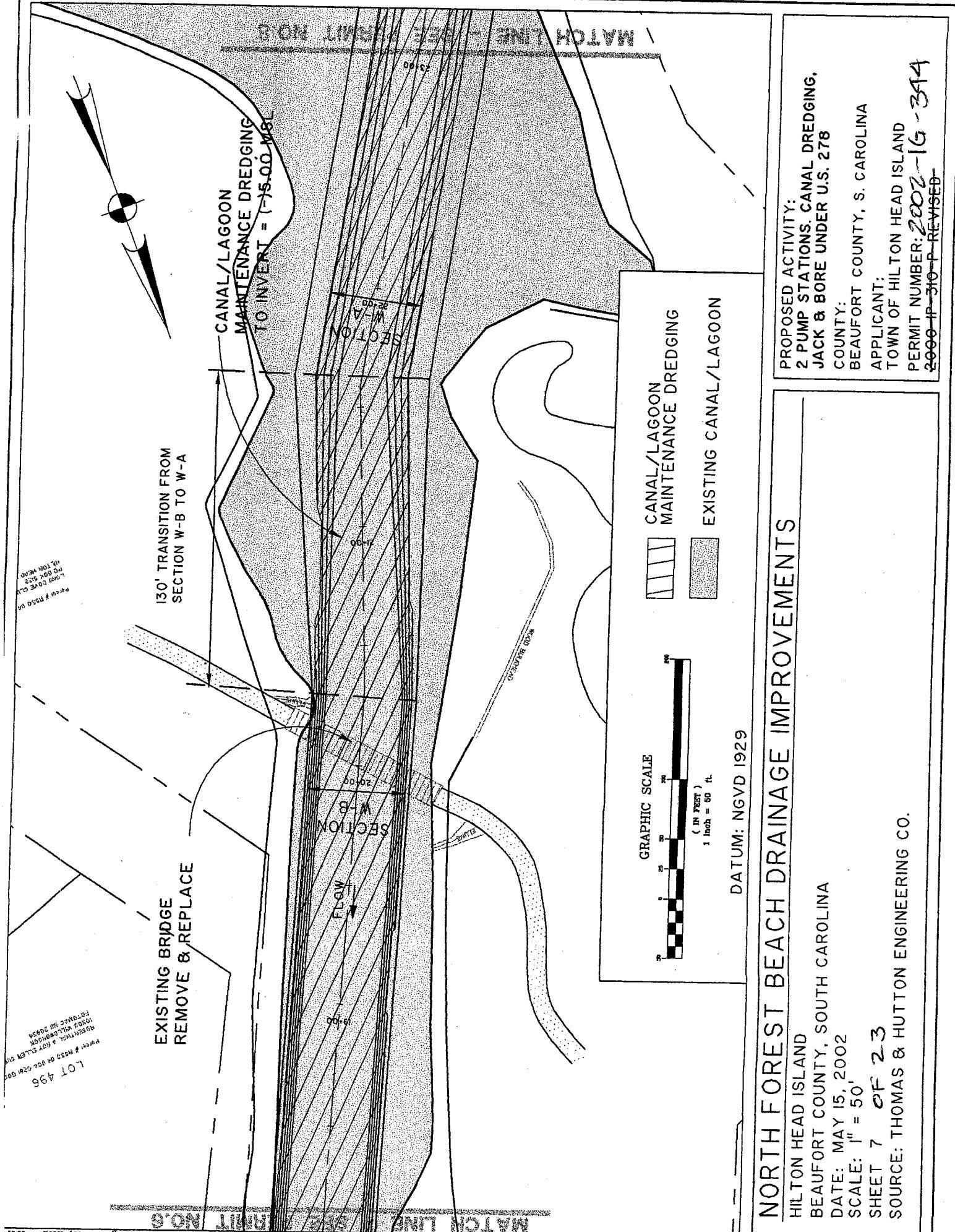
PROPOSED ACTIVITY:
2 PUMP STATIONS, CANAL DREDGING,
JACK & BORE UNDER U.S. 278
COUNTY:
BEAUFORT COUNTY, S. CAROLINA
APPLICANT:
TOWN OF HILTON HEAD ISLAND
PERMIT NUMBER: 2002-1G-344
2000-4P-340-P-REVISED

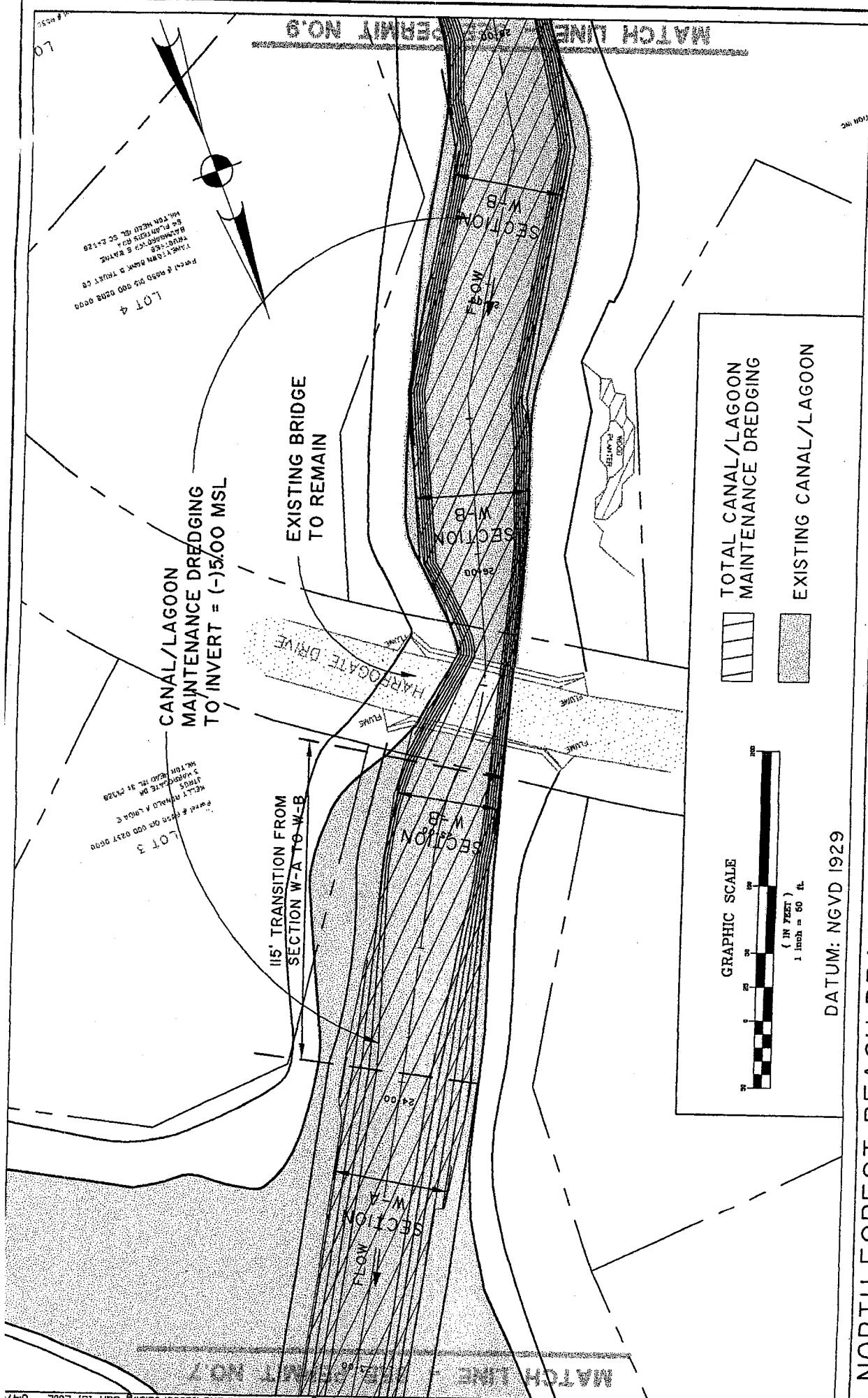












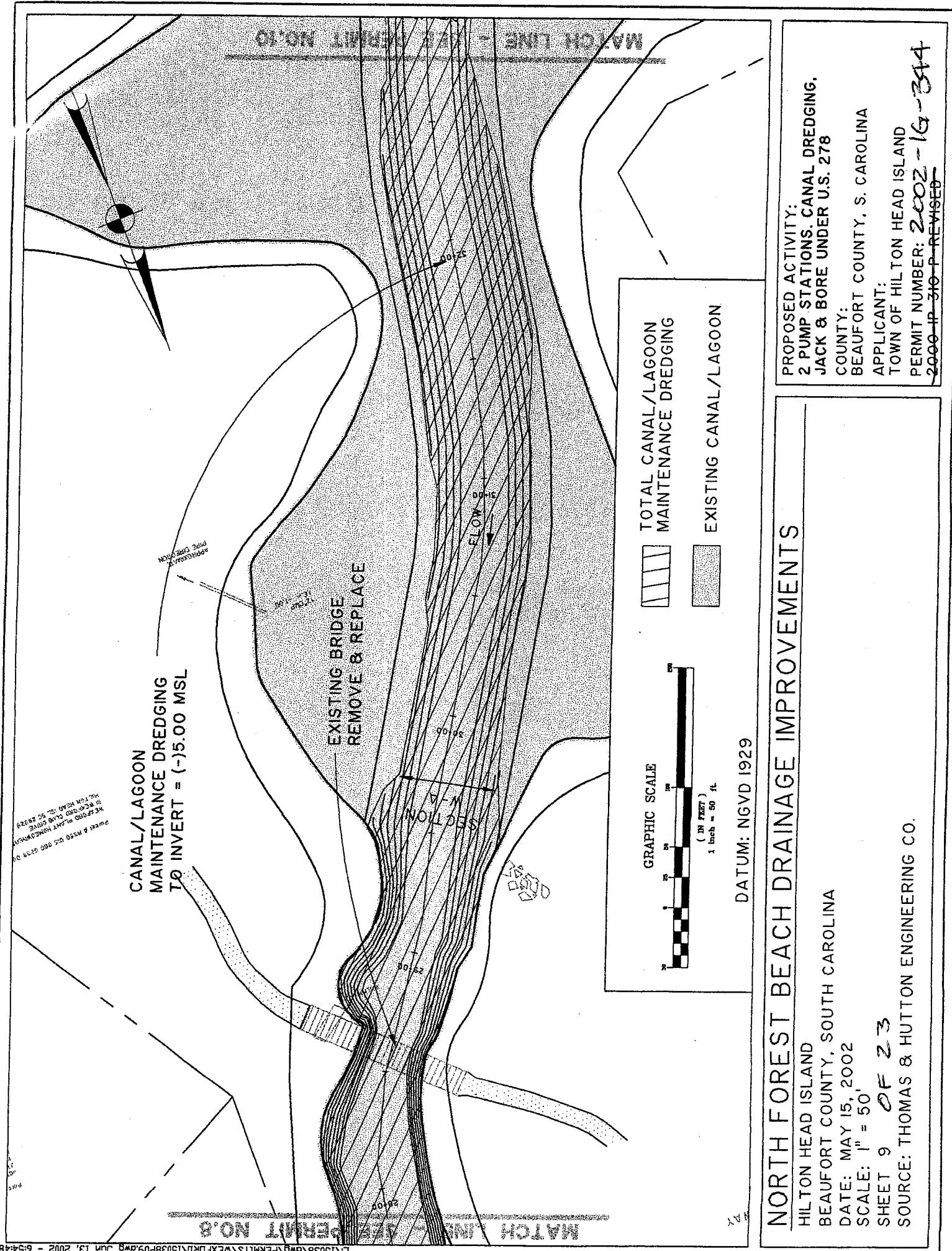
NORTH FOREST BEACH DRAINAGE IMPROVEMENTS

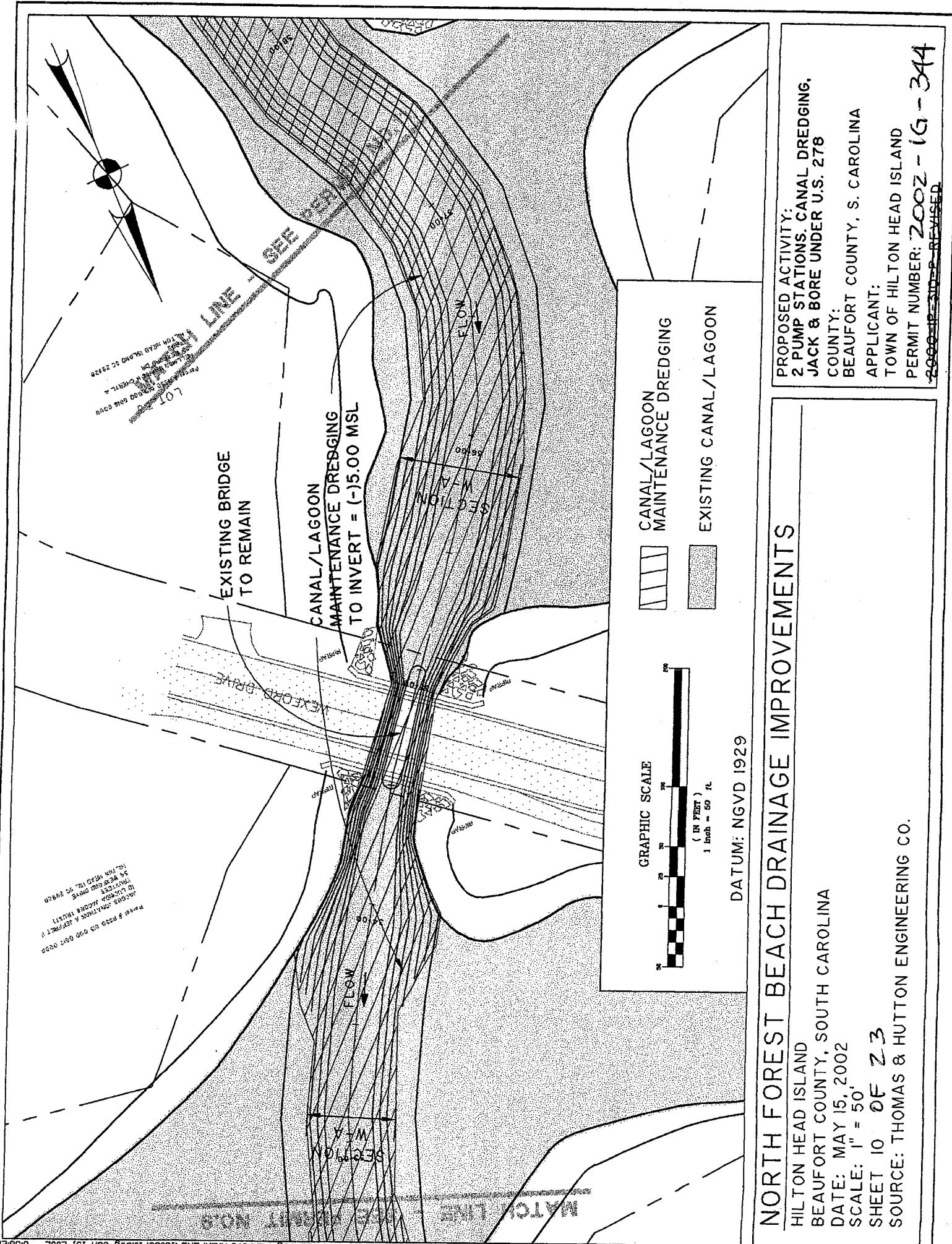
HILTON HEAD ISLAND
BEAUFORT COUNTY, SOUTH CAROLINA

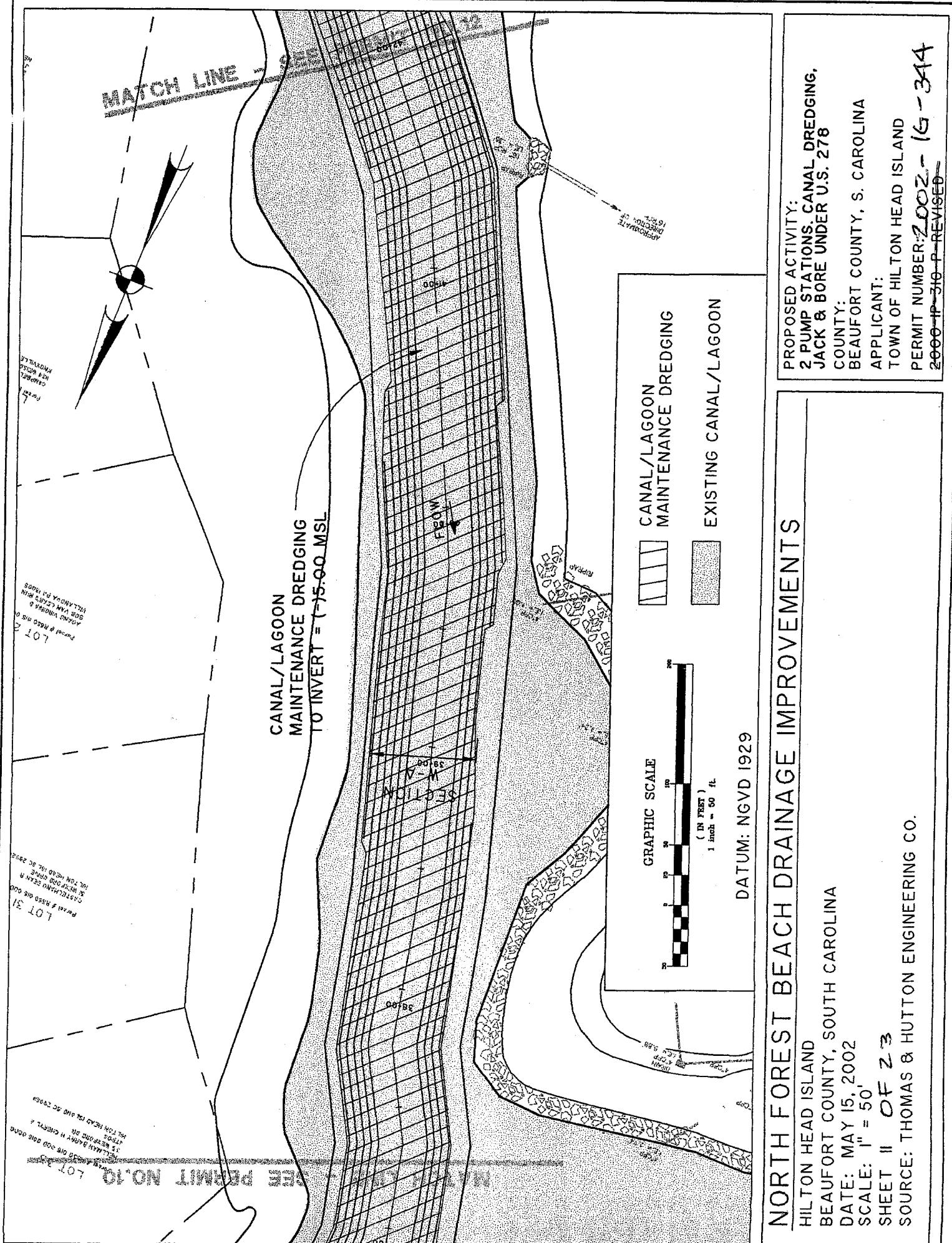
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SCALE: 1" = 50'
SHEET 8 OF 23

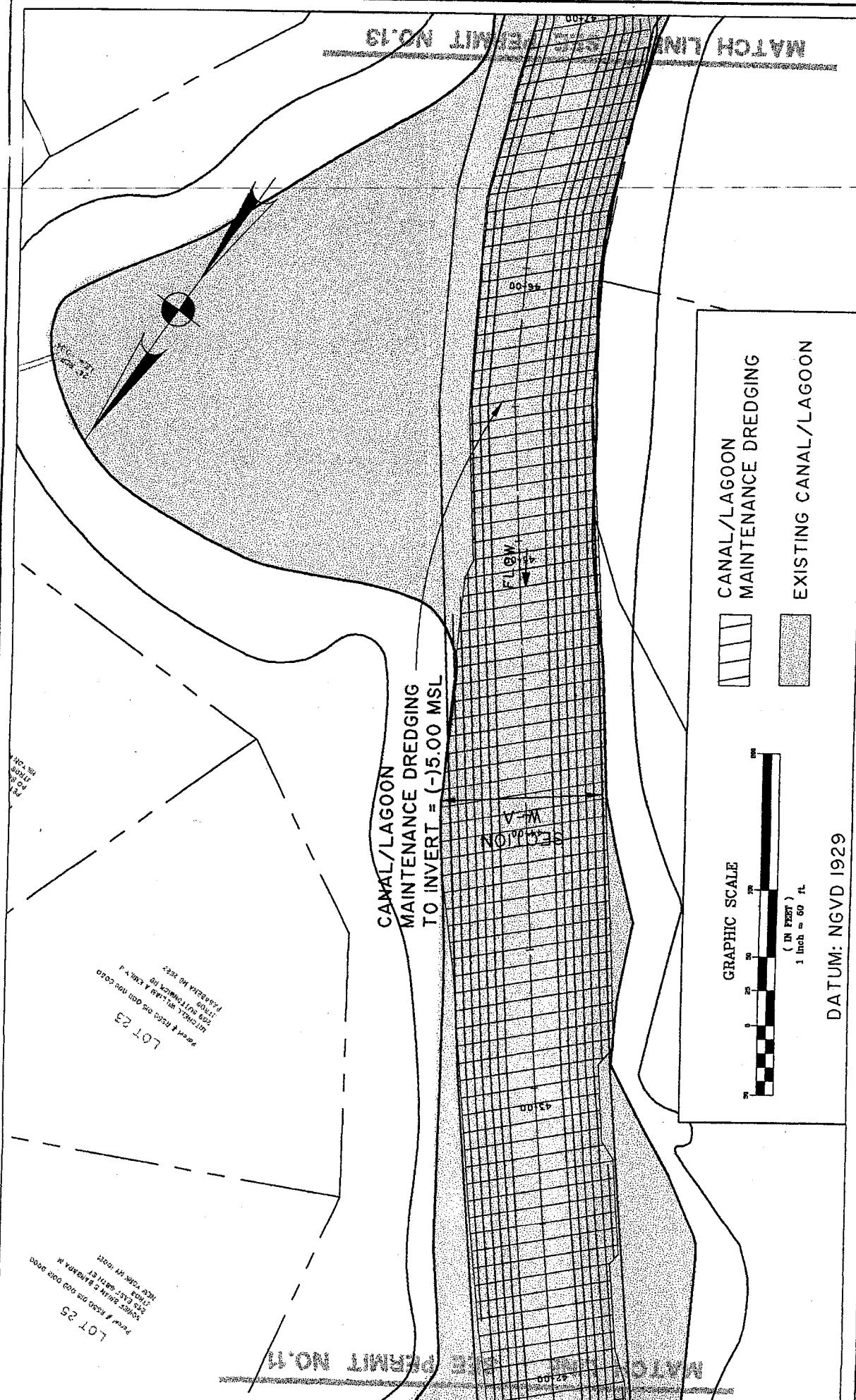
SOURCE: THOMAS & HUTTON ENGINEERING CO.

PROPOSED ACTIVITY:
2 PUMP STATIONS, CANAL DREDGING
JACK & BORE UNDER U.S. 278
COUNTY:
BEAUFORT COUNTY, S. CAROLINA
APPLICANT:
TOWN OF HILTON HEAD ISLAND
PERMIT NUMBER: 2000Z-16-
~~2000-TP-310-P-REVISED~~









NORTH FOREST BEACH DRAINAGE IMPROVEMENTS

HILTON HEAD ISLAND
BEAUFORT COUNTY, SOUTH CAROLINA

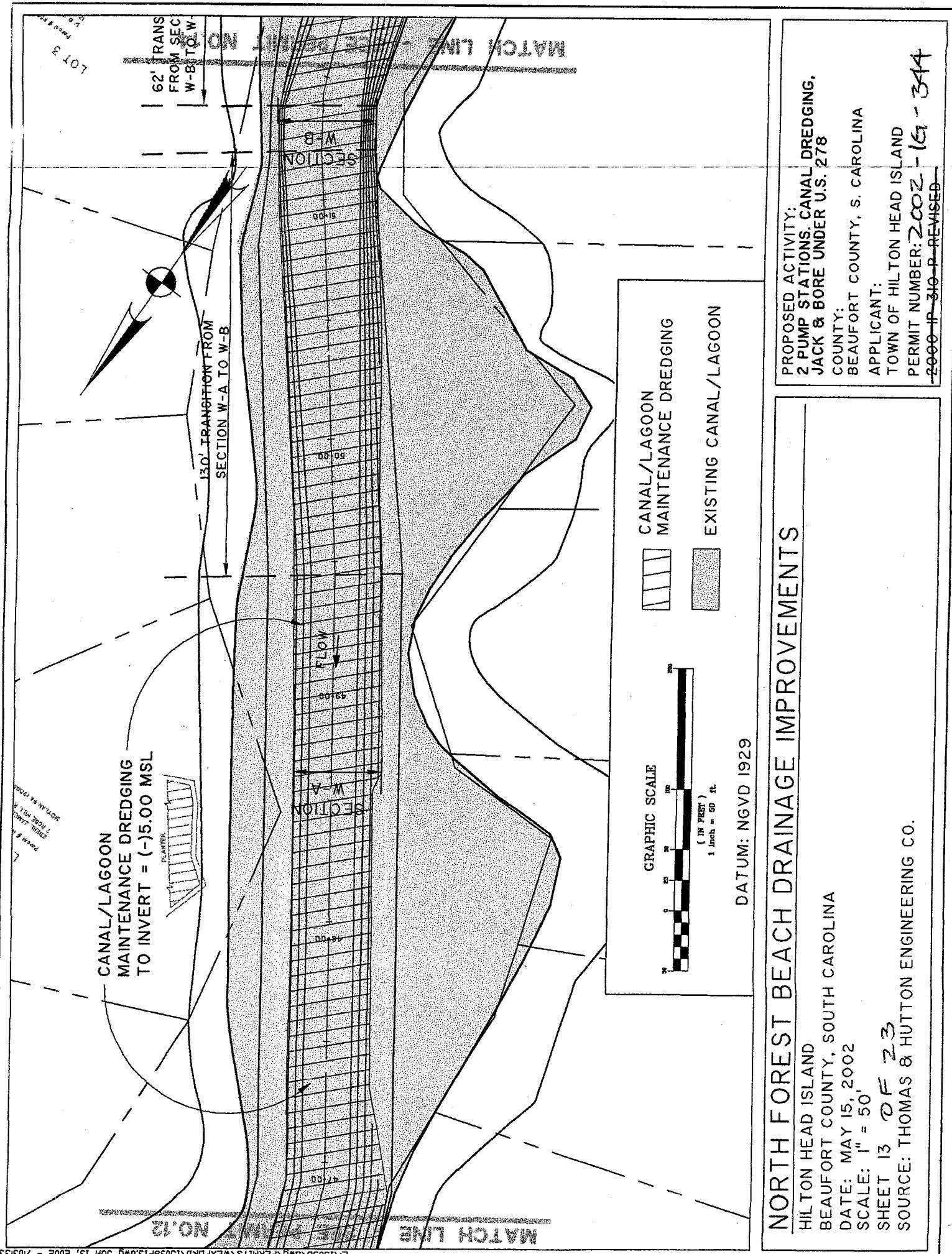
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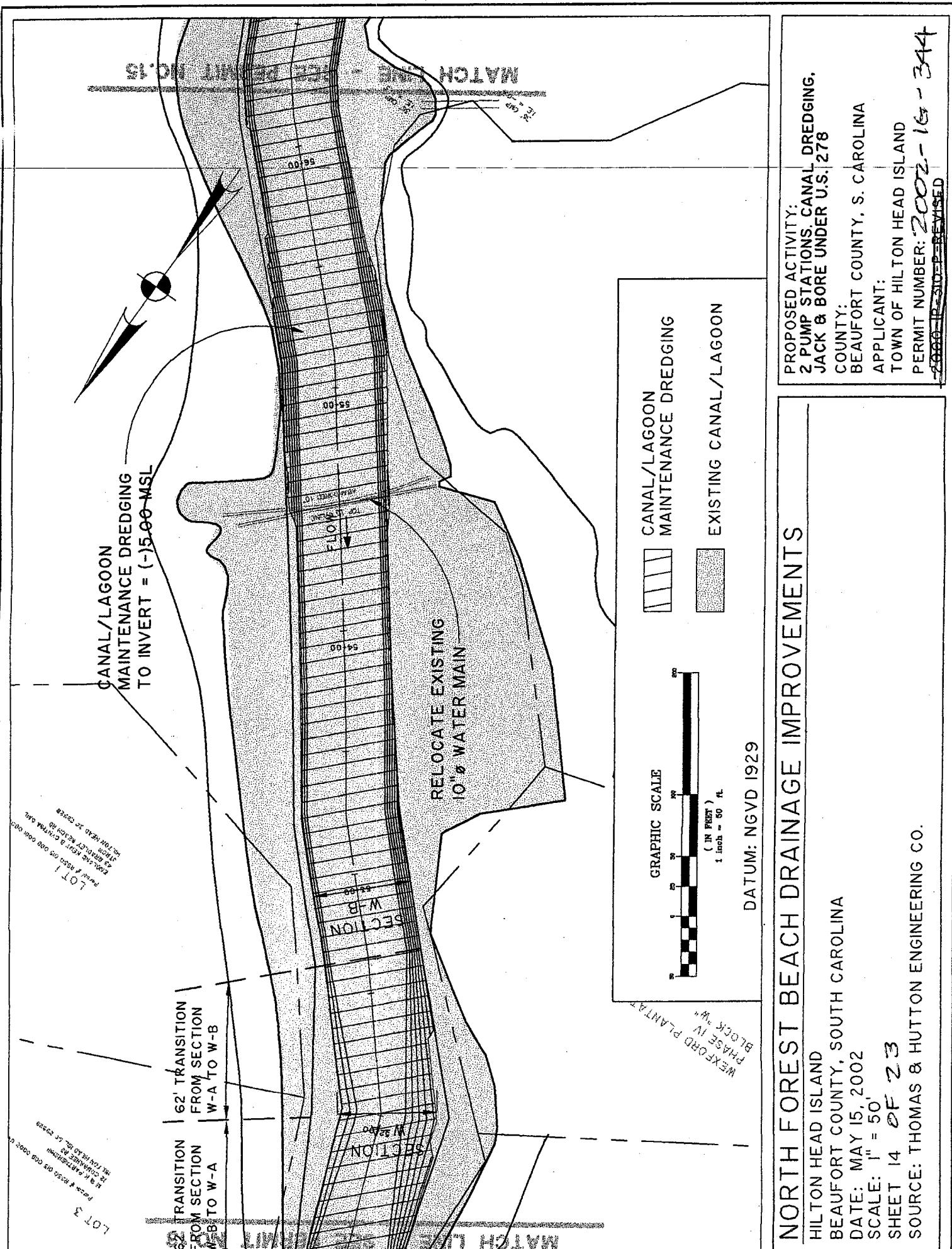
SHEET 12 OF 23
SOURCE: THOMAS & HUTTON ENGINEERING CO.

PROPOSED ACTIVITY:
2 PUMP STATIONS, CANAL DREDGING,
JACK & BORE UNDER U.S. 278

COUNTY:
BEAUFORT COUNTY, S. CAROLINA
APPLICANT:
TOWN OF HILTON HEAD ISLAND
PERMIT NUMBER: ZCOZ-1G-344
2000-1P-310-P REVISED

DATUM: NGVD 1929





PROPOSED MAINTENANCE
ROAD

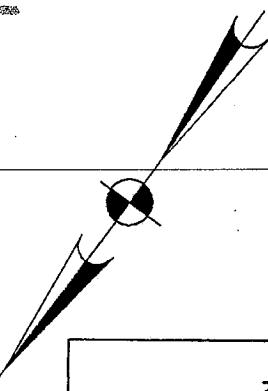
CANAL/LAGOON
MAINTENANCE DREDGING
TO INVERT = (-)5.00 MSL

CONSTRUCT NEW WEIR
INVERT = 2.00 MSL

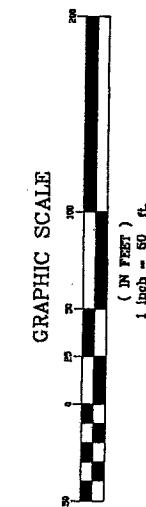
SHEET PILE
RETAINING WALL

PROPOSED DUNNAGAN'S
ALLEY PUMP STATION
LOCATION -- SEE SHEETS
20 & 21 FOR PLAN AND
ELEVATION VIEWS

UPLAND
0.23'
HOI
MAY 13, 2002



UPLAND EXCAVATION
CANAL/LAGOON
MAINTENANCE DREDGING
EXISTING CANAL/LAGOON



DATUM: NGVD 1929

NORTH FOREST BEACH DRAINAGE IMPROVEMENTS

HILTON HEAD ISLAND
BEAUFORT COUNTY, SOUTH CAROLINA

DATE: MAY 15, 2002
SCALE: 1" = 50'

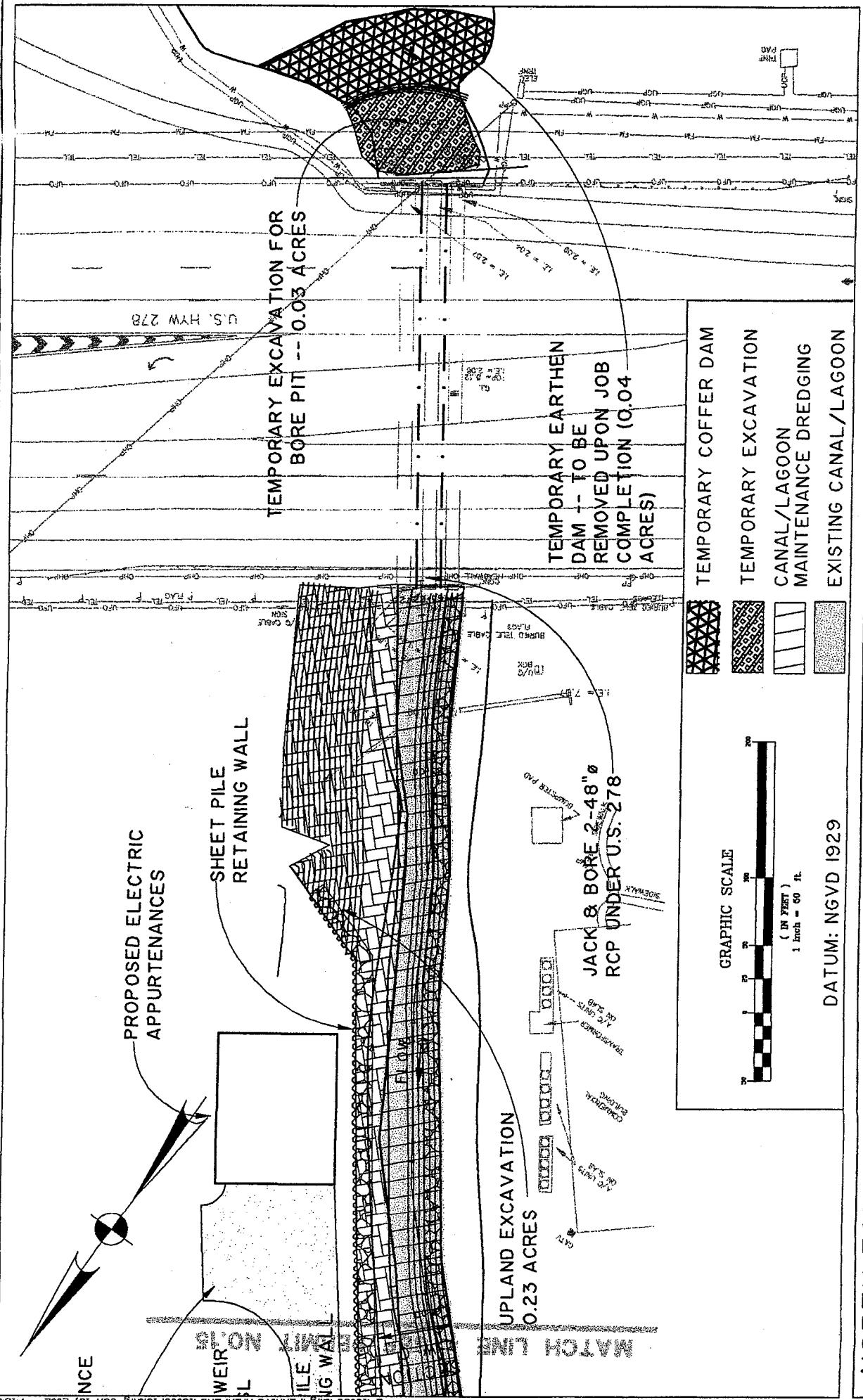
SHEET 15 OF 23

SOURCE: THOMAS & HUTTON ENGINEERING CO.

PROPOSED ACTIVITY:
2 PUMP STATIONS, CANAL DREDGING,
JACK & BORE UNDER U.S. 278

COUNTY:
BEAUFORT COUNTY, S. CAROLINA
APPLICANT:
TOWN OF HILTON HEAD ISLAND

PERMIT NUMBER: 2002-16-344
2000-4P-310-P REVISED



NORTH FOREST BEACH DRAINAGE IMPROVEMENTS

HILTON HEAD ISLAND
BEAUFORT COUNTY, SOUTH CAROLINA

DATE: MAY 15, 2002
SCALE: 1" = 50'
SHEET 16 OF 23

SOURCE: THOMAS & HUTTON ENGINEERING CO.

SUMMARY QUANTITIES

TOTAL CANAL/LAGOON MAINTENANCE DREDGING 5.28 ACRES 18,600 C.Y.

TOTAL CRITICAL AREA CUT/FILL 0.03 ACRES 145 C.Y. (CUT) 50 C.Y. (FILL)

TOTAL UPLAND CUT 0.27 ACRES 2365 C.Y.

CANAL/LAGOON FILL 0.01 ACRES 185 C.Y.

TEMPORARY CUT (EXCAVATION FOR BORE PIT) 0.03 ACRES 365 C.Y.

TEMPORARY FILL (EARTHEN COFFER DAM) 0.04 ACRES 150 C.Y.

NORTH FOREST BEACH DRAINAGE IMPROVEMENTS

HILTON HEAD ISLAND

BEAUFORT COUNTY, SOUTH CAROLINA

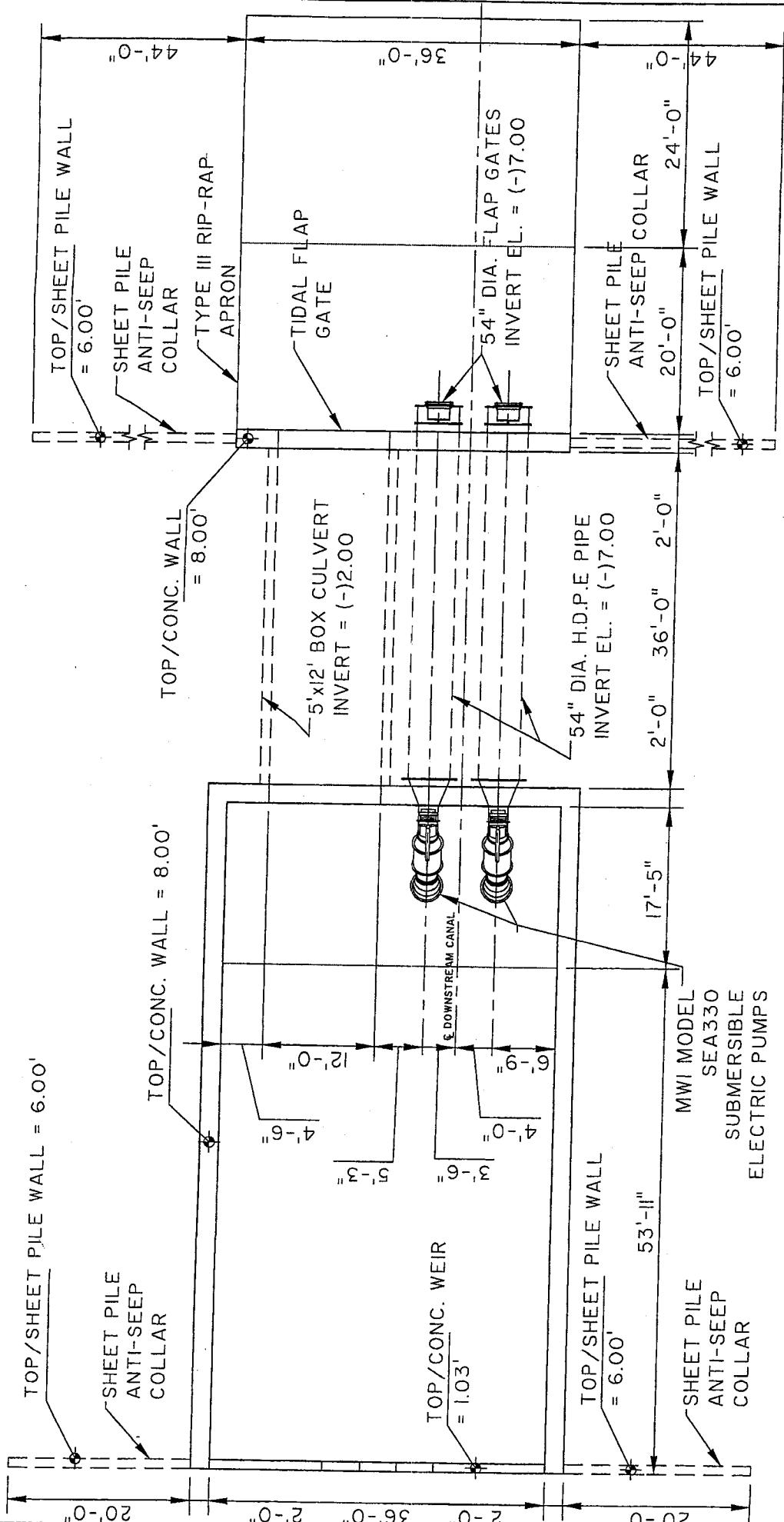
DATE: MAY 15, 2002

SCALE: N.T.S.

SHEET 17 OF 23

SOURCE: THOMAS & HUTTON ENGINEERING CO.

PROPOSED ACTIVITY:
2 PUMP STATIONS, CANAL DREDGING,
JACK & BORE UNDER U.S. 278
COUNTY:
BEAUFORT COUNTY, S. CAROLINA
APPLICANT:
TOWN OF HILTON HEAD ISLAND
PERMIT NUMBER: 2000-1-310-1
REVISED



WEXFORD PUMP STATION - PLAN VIEW

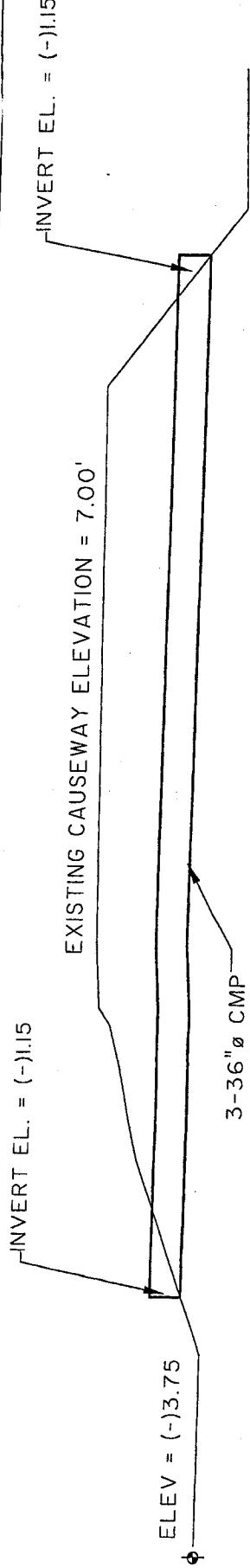
NORTH FOREST BEACH DRAINAGE IMPROVEMENTS

HILTON HEAD ISLAND
BEAUFORT COUNTY, SOUTH CAROLINA

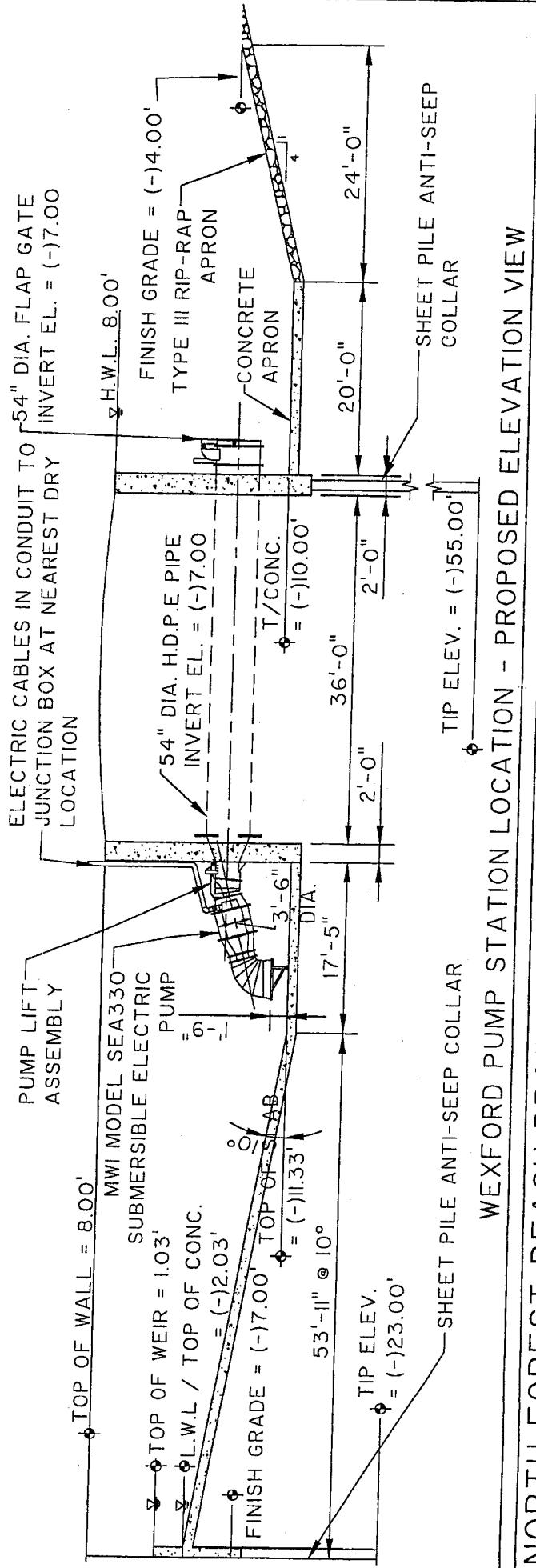
DATE: MAY 15, 2002
SCALE: 1/16" = 1'-0"

SHEET 18 OF 23
SOURCE: THOMAS & HUTTON ENGINEERING CO. DATUM: MEAN SEA LEVEL

PROPOSED ACTIVITY:
2 PUMP STATIONS, CANAL DREDGING,
JACK & BORE UNDER U.S. 278
COUNTY:
BEAUFORT COUNTY, S. CAROLINA
APPLICANT:
TOWN OF HILTON HEAD ISLAND
PERMIT NUMBER: 2002-16-314
2000-IP-310-~~P~~-REVISED



WEXFORD PUMP STATION LOCATION - EXISTING ELEVATION VIEW



WEXFORD PUMP STATION LOCATION - PROPOSED ELEVATION VIEW

PROPOSED ACTIVITY:
2 PUMP STATIONS, CANAL DREDGING,
JACK & BORE UNDER U.S. 278
COUNTY:
BEAUFORT COUNTY, S. CAROLINA
APPLICANT:
TOWN OF HILTON HEAD ISLAND
PERMIT NUMBER: 2002-16 - 344
2000-HP-340-PREVISED

NORTH FOREST BEACH DRAINAGE IMPROVEMENTS

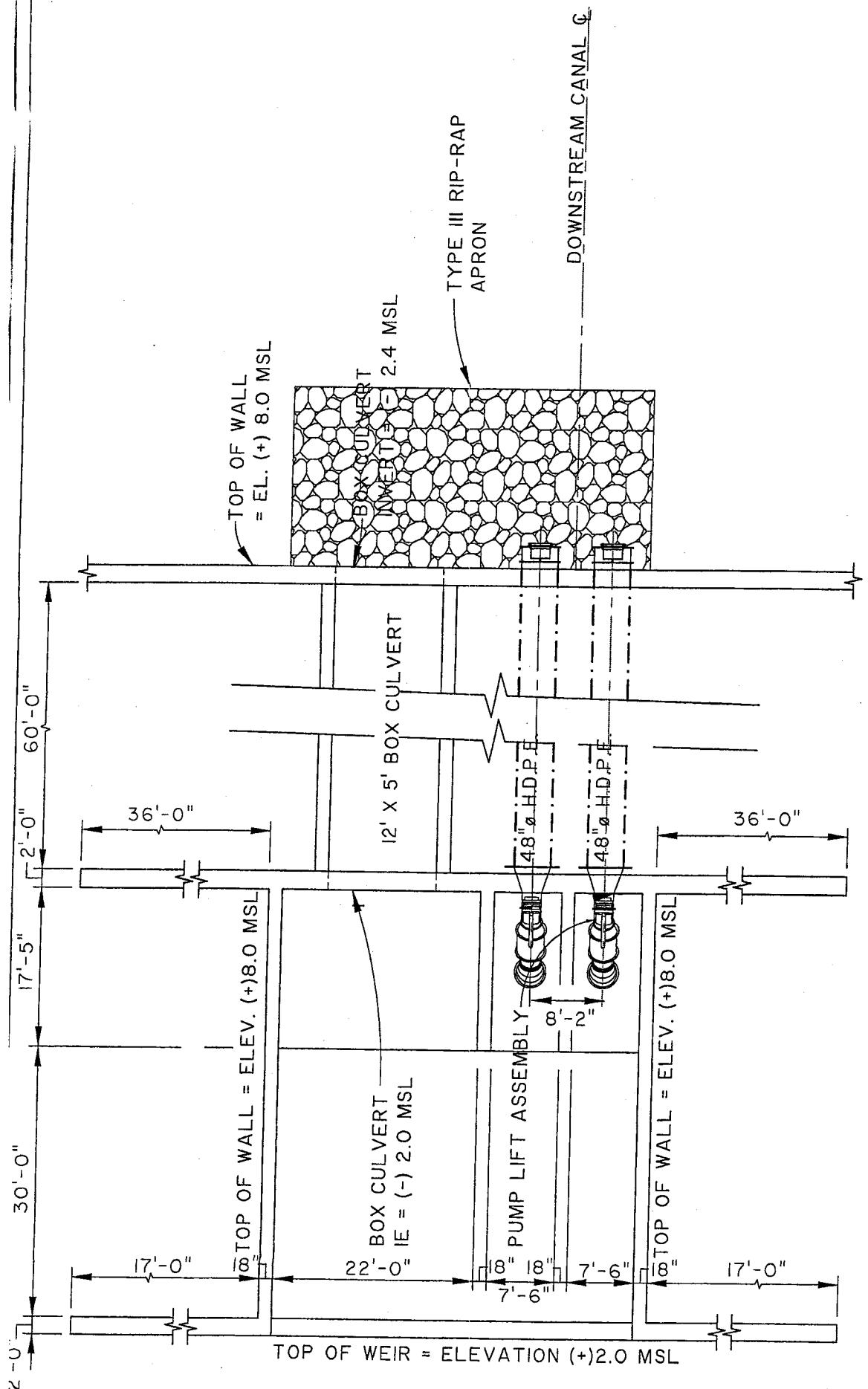
HILTON HEAD ISLAND
BEAUFORT COUNTY, SOUTH CAROLINA

DATE: MAY 15, 2002

SCALE: 1/16" = 1'-0"

SHEET 19 OF 23

SOURCE: THOMAS & HUTTON ENGINEERING CO. DATUM: MEAN SEA LEVEL



DUNNAGAN'S ALLEY PUMP STATION - PLAN VIEW

NORTH FOREST BEACH DRAINAGE IMPROVEMENTS

HILTON HEAD ISLAND
BEAUFORT COUNTY, SOUTH CAROLINA

DATE: MAY 15, 2002
SCALE: 1/16" = 1'-0"

SHEET 20 OF 23
SOURCE: THOMAS & HUTTON ENGINEERING CO.

DATUM: MEAN SEA LEVEL

PROPOSED ACTIVITY:
2 PUMP STATIONS, CANAL DREDGING,
JACK & BORE UNDER U.S. 278
COUNTY:
BEAUFORT COUNTY, S. CAROLINA
APPLICANT:
TOWN OF HILTON HEAD ISLAND
PERMIT NUMBER: 2000-200-16-344
2000-200-16-344-REVISED

INVERT EL. = (-)2.5

ELEV = 9.0 U.S. 278 CROSSING

ELEV = (-)2.5

5'x12' BOX CULVERT

DUNNAGAN'S ALLEY PUMP STATION LOCATION - EXISTING ELEVATION VIEW

ELECTRIC CABLES IN CONDUIT
TO JUNCTION BOX AT NEAREST
DRY LOCATION

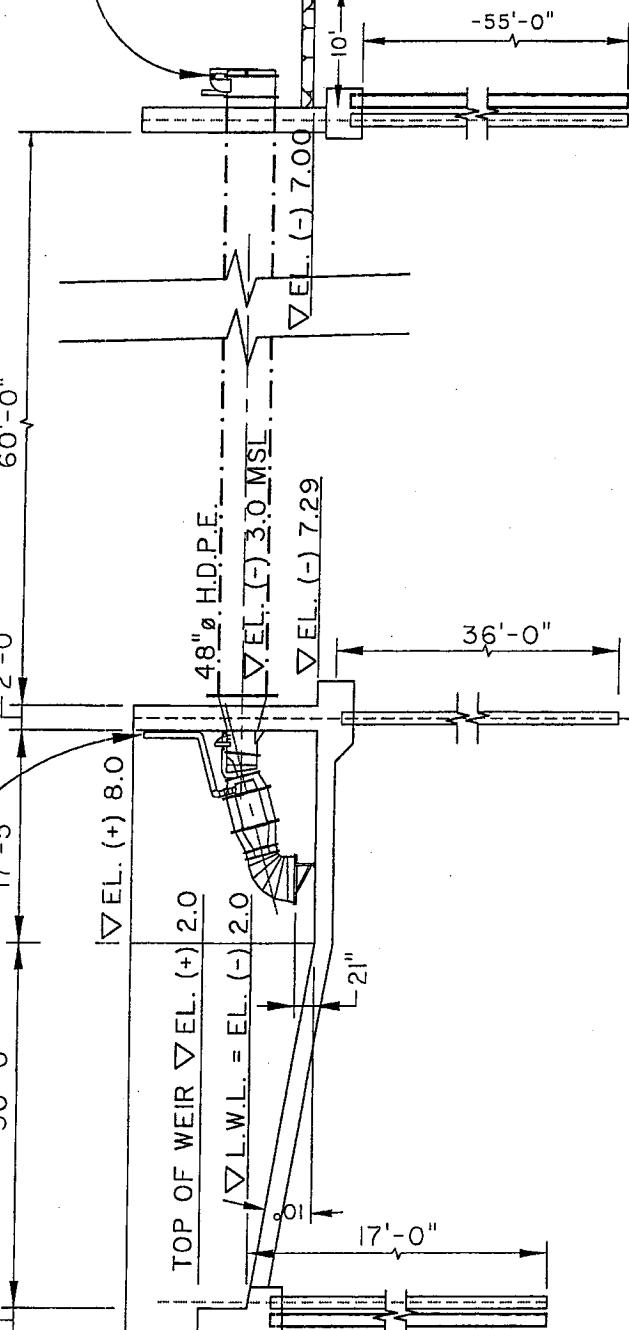
2'-0"

30'-0"

17'-0"

60'-0"

INVERT EL. = (-)2.5



DUNNAGAN'S ALLEY PUMP STATION LOCATION - PROPOSED ELEVATION VIEW

NORTH FOREST BEACH DRAINAGE IMPROVEMENTS

HILTON HEAD ISLAND
BEAUFORT COUNTY, SOUTH CAROLINA

DATE: MAY 15, 2002
SCALE: N.T.S.

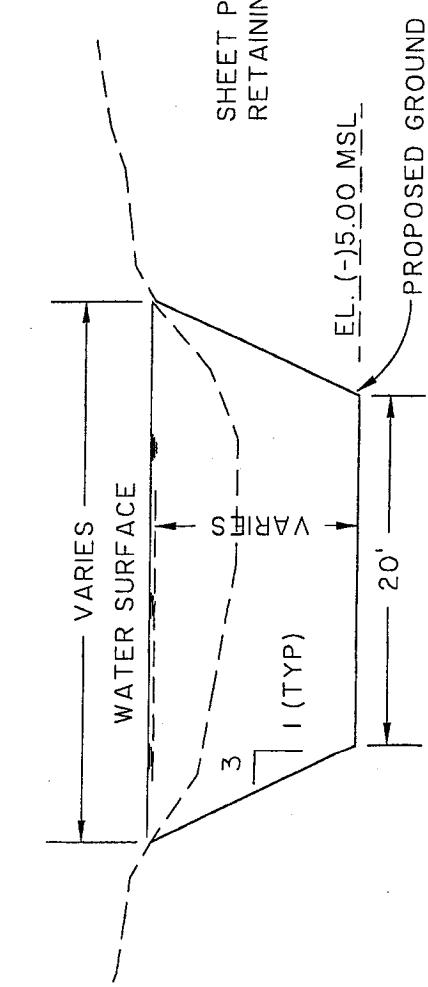
SHEET 21 OF 23
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DATUM: MEAN SEA LEVEL

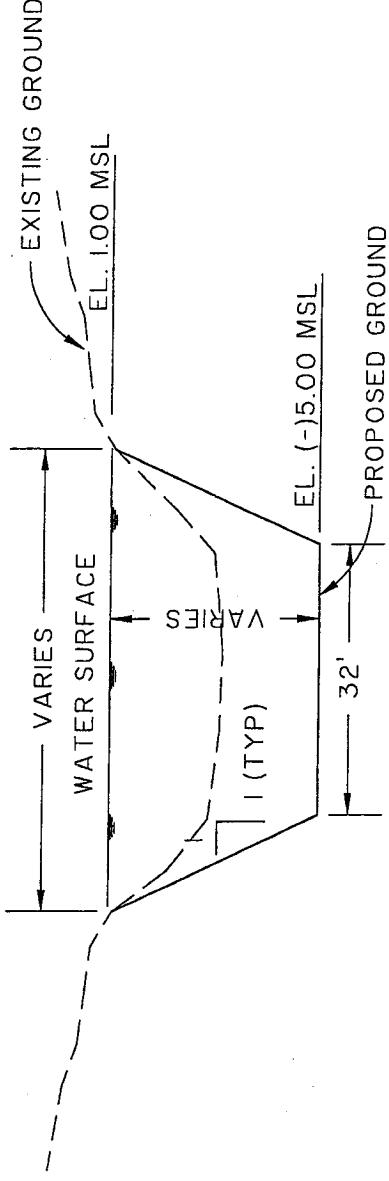
PROPOSED ACTIVITY:
2 PUMP STATIONS CANAL DREDGING,
JACK & BORE UNDER U.S. 278

COUNTY:
BEAUFORT COUNTY, S. CAROLINA
APPLICANT:
TOWN OF HILTON HEAD ISLAND

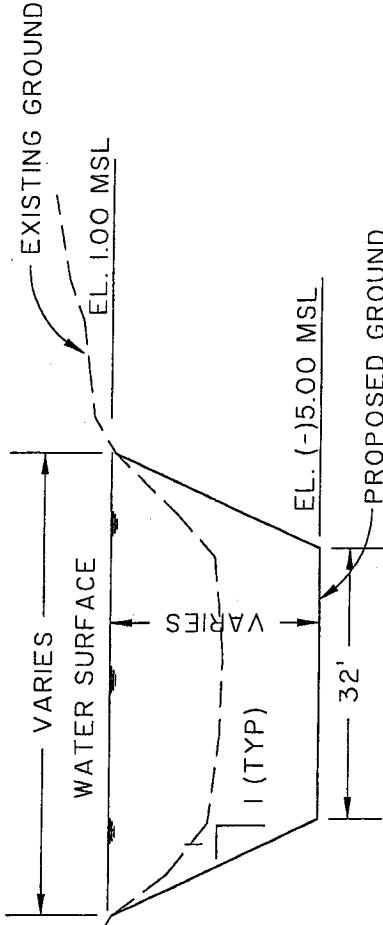
PERMIT NUMBER: 2002-16-344
2002-310-PREVISED



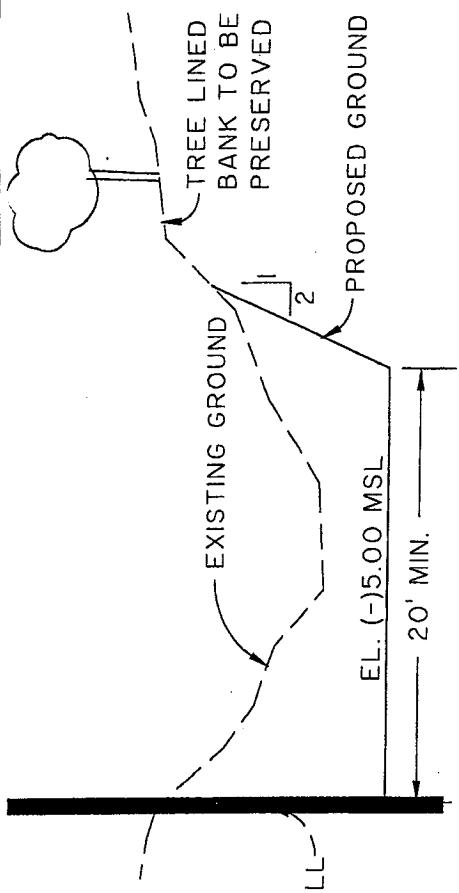
SECTION W-A



TYPICAL DREDGING SECTIONS



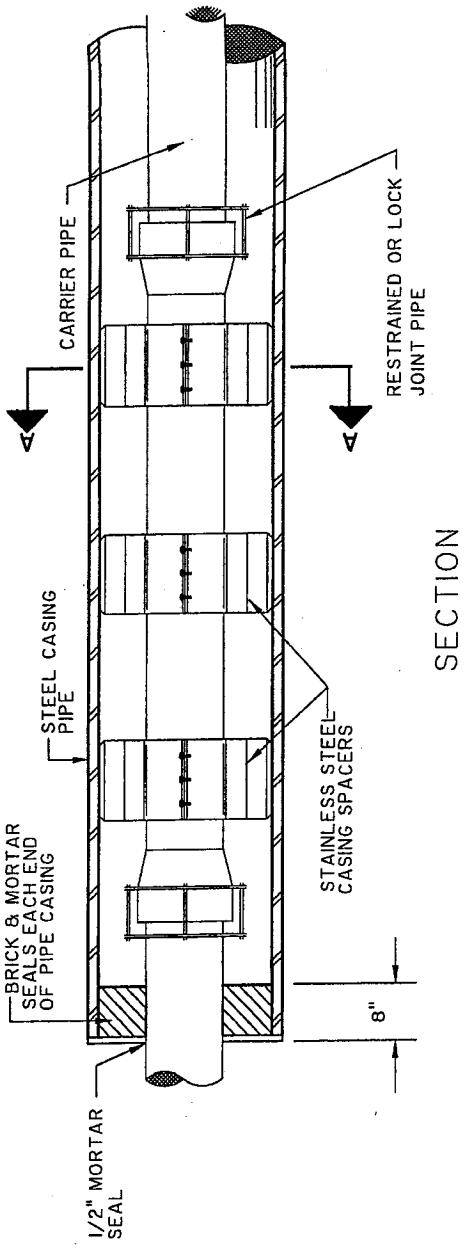
SECTION W-C



NORTH FOREST BEACH DRAINAGE IMPROVEMENTS
 HILTON HEAD ISLAND
 BEAUFORT COUNTY, SOUTH CAROLINA
 DATE: MAY 15, 2002
 SCALE: N.T.S.
 SHEET 22 OF 23
 SOURCE: THOMAS & HUTTON ENGINEERING CO.

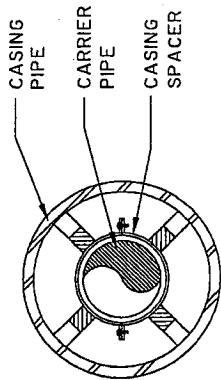
DATUM: MEAN SEA LEVEL

PROPOSED ACTIVITY:
 2 PUMP STATIONS, CANAL DREDGING,
 JACK & BORE UNDER U.S. 278
 COUNTY:
 BEAUFORT COUNTY, S. CAROLINA
 APPLICANT:
 TOWN OF HILTON HEAD ISLAND
 PERMIT NUMBER: 2002-16-344
 2000-16-307-REVISED



NOTES:

1. CASING SPACERS SHALL BE PLACED ON 6' CENTERS MINIMUM.
2. ALL RAILROAD CROSSINGS SHALL BE INSTALLED IN ACCORDANCE WITH AMERICAN RAILWAY ENGINEERING ASSOCIATION REGULATIONS, UNDER PART 5, PIPELINES (LATEST EDITION) AND PERMIT REQUIREMENTS.
3. ALL HIGHWAY CROSSINGS SHALL BE INSTALLED IN ACCORDANCE WITH GA. D.O.T. REGULATIONS & PERMIT REQUIREMENTS.



SECTION A-A

CASING PIPE DETAIL

NORTH FOREST BEACH DRAINAGE IMPROVEMENTS
HILTON HEAD ISLAND
BEAUFORT COUNTY, SOUTH CAROLINA
DATE: MAY 15, 2002
SCALE: N.T.S.
SHEET 23 OF 23
SOURCE: THOMAS & HUTTON ENGINEERING CO. DATUM: MEAN SEA LEVEL

PROPOSED ACTIVITY:
2 PUMP STATIONS, CANAL DREDGING,
JACK & BORE UNDER U.S. 278
COUNTY:
BEAUFORT COUNTY, S. CAROLINA
APPLICANT:
TOWN OF HILTON HEAD ISLAND
PERMIT NUMBER: 2002-16-344
~~2000-P-340-P-REVISED~~